

LABdex



Automatic Lifting Rotary Evaporator LX1000ARE

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Description

Automatic Lifting Rotary Evaporator LX1000ARE is an advanced rotary evaporator equipped with an automatic motorized lift and an intuitive LCD display for clear visualization and precise control of the evaporation process. It offers a wide rotation speed range of 5 - 120 rpm and a heating temperature up to 250 °C, ensuring efficient and safe solvent removal in chemical, pharmaceutical, and research applications.

Specifications

Rotary bottle volume	5 L
Receiving bottle volume	3 L
Rotational speed	5 - 120 rpm
Evaporation capacity	Water ≥ 2 H/L, Ethanol ≥ 4 H/L
Vacuum degree	399.9 Pa
Motor power	30 W
Heating temperature	RT- 250 °C
Heating power	2 KW
Movements Itinerary	0 - 140 mm
Lifting power	20 W
Power supply	220 V / 50 Hz ± 10 %
External dimension	765 x 400 x 1070 mm
Packing dimension	800 x 460 x 1090 mm
Gross weight	70 Kg

Features

- Constructed with high-quality stainless steel main rack
- It offers large condensing area with heating power 2 kW
- Contains 3 L receiving flask with 50 mm diameter flange and vacuum valve
- Evaporation capacity is 2 L per hour for water and 4 L per hour for ethanol LCD display provides clear visualization
- Convenient lift with 20 W lifting power controlled via a button

- Connection bottle features a PTFE sealing valve
- Water or oil bath with Teflon coating

Applications

- It is widely used for efficient evaporation, distillation, and solvent recovery in chemical, pharmaceutical, and research laboratories.

Optional Accessories

- Chiller
- Vacuum pump



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